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Rajiv Gandhi University of Health Sciences, Karnataka

II Year Pharm-D Degree Examination – NOV 2016

Time: Three Hours **Max. Marks: 70 Marks**

PHARMACOLOGY - I

Q.P. CODE: 2859

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Answer any two) **2 x 10 = 20 Marks**

1. Classify oral hypoglycemic drugs with examples. Describe the pharmacology of glibenclamide
2. Classify adrenergic drugs with examples. Explain the pharmacology of adrenaline
3. Explain briefly about drug absorption and metabolism

SHORT ESSAYS (Answer any six) **6 x 5 = 30 Marks**

4. Write the pharmacological actions and mechanism of action of morphine
5. Define and classify anti-thyroid drugs
6. Write a note on angiotensin converting enzyme (ACE) inhibitors
7. Define and classify anticonvulsants. Write the pharmacological actions of any one drug.
8. Classify anti-arrhythmic drugs with examples. Write the pharmacological action of any one
9. Write a note on G-protein coupled receptors
10. Classify anti -Parkinsonism drugs with examples. Explain the pharmacological actions and uses of levodopa
11. Write a note on pre-clinical evaluation

SHORT ANSWERS **10 x 2 = 20 Marks**

12. Write the mechanism of action and uses of Clofibrate
13. Uses of Anticholinesterases
14. Define Mucolytics and give examples.
15. Opioid receptors
16. Write the uses of Insulin
17. Write therapeutic uses of Neuroleptics
18. Write adverse effects and uses of Lignocaine
19. Captopril
20. Write uses of Oxytocin
21. Stages of general anesthesia

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